

CLIPPEDIMAGE= JP355027373A

PAT-NO: JP355027373A

DOCUMENT-IDENTIFIER: JP 55027373 A

TITLE: PRINTING INK BINDER

PUBN-DATE: February 27, 1980

INVENTOR-INFORMATION:

NAME

CHIMIZU, KATSUHIKA

YOSHIMOTO, KEIYO

MIYOSHI, HIROSHI

ASSIGNEE-INFORMATION:

NAME

ARAKAWA CHEM IND CO LTD

COUNTRY

N/A

APPL-NO: JP53101153

INT-DATE: April 9, 1978

INT-NO: 1978/00011/10/10/02/02/00/00/14/12

US-CI-CURRENT: 527/604

ABSTRACT

PURPOSE: The title binder capable of giving quick drying inks free from causing misting in printing comprising a resin-modified phenolic resin obtained by reacting rosins with a higher aliphatic polybasic acid (or anhydride), a phenolic resin (or raw materials), and a polyhydric alcohol, as an active constituent.

CONSTITUTION: A printing ink binder comprising a resin-modified phenolic resin, obtained by reacting (a) 100 parts by wt. of rosins, e.g. gum or wood rosin, with (b) 10sim;20 parts by wt. of a 10sim;50C higher aliphatic polybasic acid or its anhydride, (c) 10sim;10 parts by wt. of a phenolic resin or its raw materials, e.g. cresol or acetaldehyde, and (d) a polyhydric alcohol in an amount to give 0.6sim;1.2 equivalents of hydroxyl groups in (d) per the total carboxyl groups in (a) and (b) under heating, as an active constituent.

COPYRIGHT: (C) 1980, JPO&Japic